Reply to Office Action of May 3, 2005

Docket No.: 0353-0202P

## **AMENDMENTS TO THE ABSTRACT**

Please substitute the following paragraph for the abstract now appearing in the currently filed specification:

--An inverter circuit for discharge lamps for multi-lamp lighting in which the value of a negative resistance characteristic of a fluorescent lamp is controlled, and an excessively set reactance is eliminated by causing a shunt transformer to have a reactance exceeding the negative resistance characteristic, whereby shunting characteristics high in performance are obtained while reducing the size of the circuit. In an inverter circuit for discharge lamps for multi-lamp lighting, two Two coils connected to a secondary winding of a step-up transformer of the inverter circuit are arranged and magnetically coupled to each other to form a shunt transformer for shunting current such that magnetic fluxes generated thereby are opposed to cancel each other to cancel out. Discharge lamps are connected to the coils, respectively, with currents flowing therethrough being balanced—with each other. Lighting of each of the Each discharge lamps lamp is eaused by the fact that lighted because a reactance of an inductance related to the balancing operation of the shunt transformer, the reactance being which is in an operating frequency of the inverter circuit, exceeds a negative resistance of the each of the discharge lamps.--